

Title (en)

Information record medium, apparatus for recording the same and apparatus for reproducing the same

Title (de)

Informationsaufzeichnungsmedium, Gerät zur Aufzeichnung auf demgleichen und Gerät zur Wiedergabe aus demgleichen

Title (fr)

Milieu d'enregistrement des informations, appareil d'enregistrement sur ceci et appareil de reproduction de ceci

Publication

EP 0797203 B1 20030122 (EN)

Application

EP 97301645 A 19970312

Priority

JP 6147396 A 19960318

Abstract (en)

[origin: EP0797203A2] An information recording apparatus (SS1) is provided with: a signal process device (72, 72A, 72B) for applying a predetermined signal process to record information to be recorded onto an information record medium (1: DVD) to thereby generate processed record information (Srv, Sra) comprising a plurality of information units (AAU, AF), which are set in advance; a divide device (72, 72C, 72D) for dividing the processed record information by each record unit (APT), which includes one or more information units and which is set in advance on the basis of the predetermined signal process; a multiplex device (72, 72E, 72F) for setting a start position of one or more information units within each record unit, on the basis of control information (Si) inputted from the external (ST, 71) to control a reproduction of the record information, generating start position information (200) indicating the start position and multiplexing the start position information with the processed record information for each record unit, to thereby generate multiplexed processed record information (Sr); and a record device (77, 78) for recording the multiplexed processed record information onto the information record medium. <IMAGE>

IPC 1-7

G11B 27/034; G11B 27/30; G11B 20/12; G11B 27/10

IPC 8 full level

G11B 20/10 (2006.01); **G06F 21/10** (2013.01); **G11B 20/12** (2006.01); **G11B 27/00** (2006.01); **G11B 27/034** (2006.01); **G11B 27/10** (2006.01);
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H04N 9/877 (2006.01)

CPC (source: EP US)

G11B 20/12 (2013.01 - EP US); **G11B 27/034** (2013.01 - EP US); **G11B 27/105** (2013.01 - EP US); **G11B 27/3027** (2013.01 - EP US);
G11B 27/329 (2013.01 - EP US); **H04N 9/8042** (2013.01 - EP US); **G11B 2020/10592** (2013.01 - EP US); **G11B 2220/2562** (2013.01 - EP US);
H04N 5/85 (2013.01 - EP US); **H04N 9/8063** (2013.01 - EP US); **H04N 9/82** (2013.01 - EP US); **H04N 9/8227** (2013.01 - EP US);
H04N 9/877 (2013.01 - EP US)

Cited by

EP0797198A3; EP0910083A3; EP0797197A3; EP0798722A3; EP1347454A3; US6262965B1; WO0217302A3; US7254456B2; US7054697B1;
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DE FR GB

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CN 1175056 A 19980304; CN 1389864 A 20030108; DE 69718539 D1 20030227; DE 69718539 T2 20030925; HK 1052402 A1 20030911;
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DOCDB simple family (application)

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JP 6147396 A 19960318; US 81986197 A 19970317